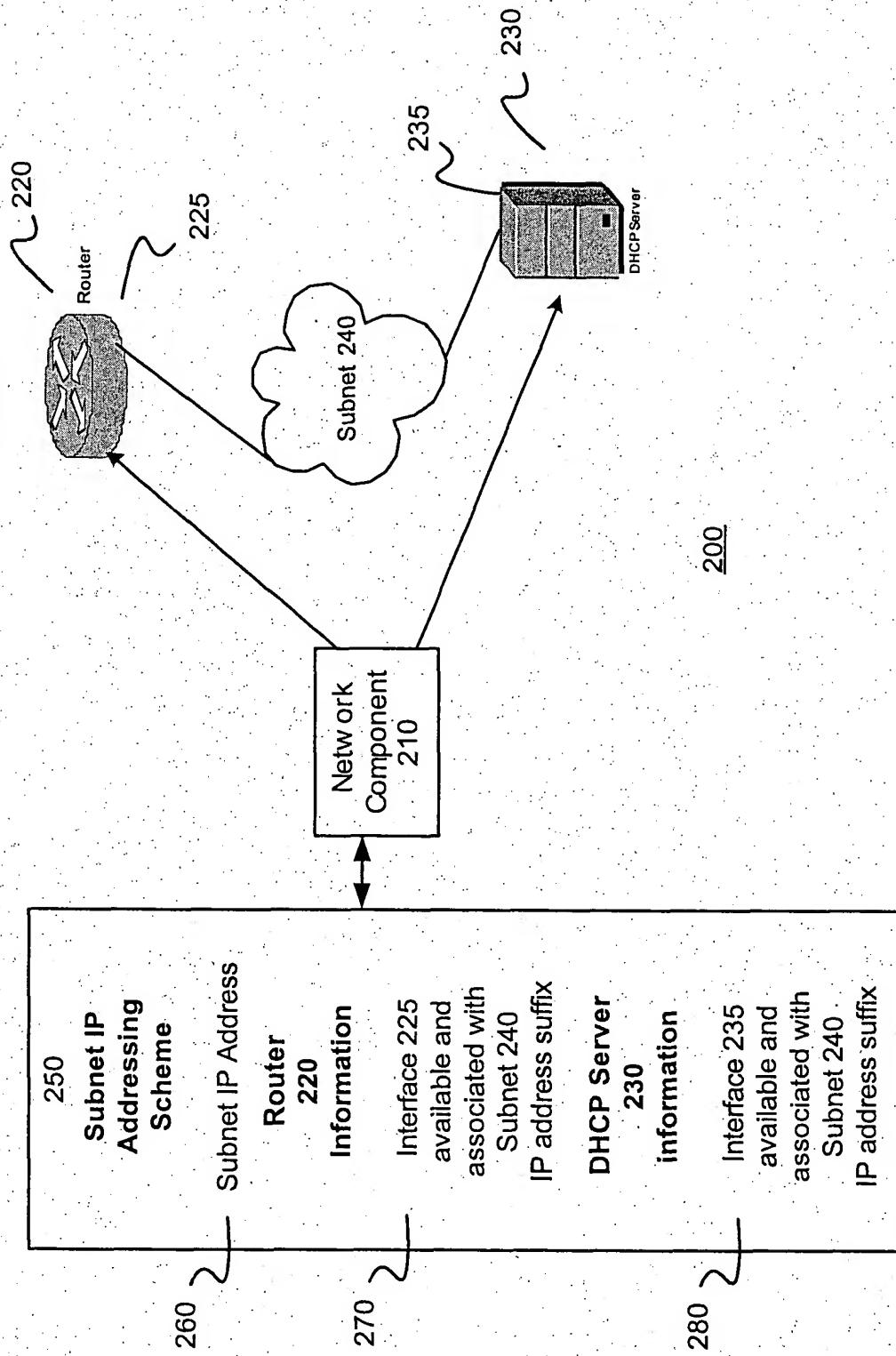
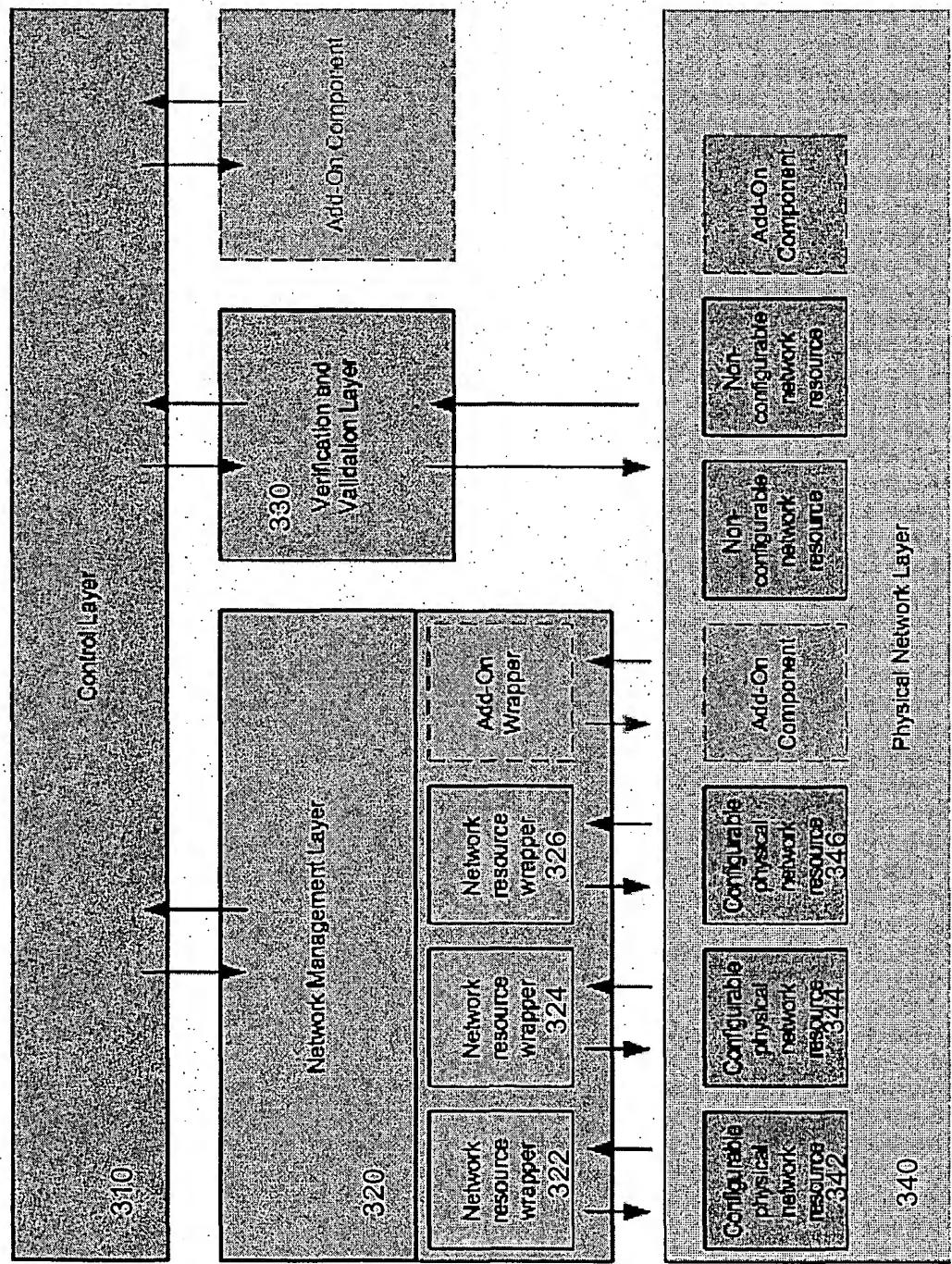


**FIG. 1**  
(Prior Art)

# FIG. 2



**FIG. 3**



402

### [Dynamic Network Devices]

```
{ ## DeviceName OS(WIN2K|WINXP_PRO)  
## MAC_Address Subnet_suffix Card_type
```

404

### [Non-Dynamic Network Devices]

```
#StaticDevName IPAddr1 ... IPAddrN
```

406

### [Power Management Devices]

```
## HomeAddress (A-P)  
## DeviceCode (1-16) AssociatedDevice
```

408

### [Hubs]

```
##HubName  
##AssociatedDevicesName
```

410

### [VLAN Configuration]

```
##switchName switchIp switchPassword controlPort  
## Port Num (list of ports)  
## AssociatedDevice (list of devices)
```

412

### [Routers]

```
{ ## routerName password controlIP  
## interfaceType interface suffix
```

414

### [DHCP Servers]

```
## dhcpServerName password controlInterface controlAddress subnet  
## interface ipSuffix subnetMask routerSuffix
```

416

### [Addressing Scheme]

```
## prefixType prefix
```

400

**FIG. 4**

505

Subnet1

Data data data...

TopologyType1

Data data data...

Device1

Data data data

PotentialMovement1

...

PotentialMovementN

DeviceN

Data data data

PotentialMovement1

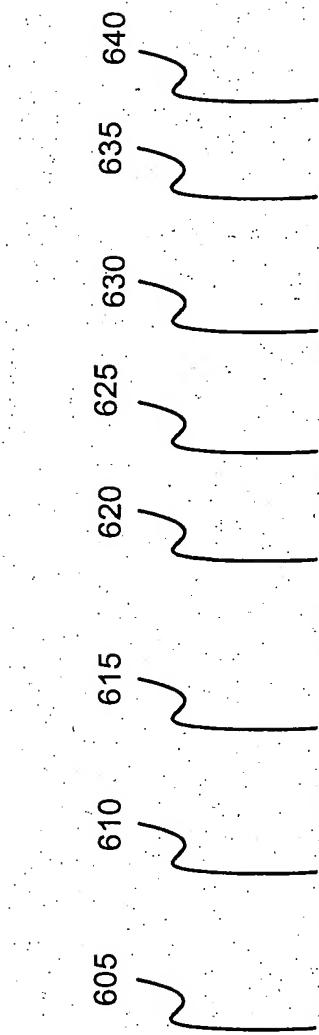
...

PotentialMovementN

500

SubnetN

...



600

proc configRouter { ipAddr passwd intfType intfNum intfIp subnetMask ext permitip }

**FIG. 6**

**FIG. 5**

705

**SubnetGroupingType**(internal, external)

715

**SubnetSubsection1**

Topology Type 1 (802.11a, 802.11b, etc)

...

Topology Type N (802.11a, 802.11b, etc)

...

**SubnetSubsectionN**

Topology Type 1 (802.11a, 802.11b, etc)

...

Topology Type N (802.11a, 802.11b, etc)

710

**DeviceSection**

"n" DeviceTypes StartLocation

700

**FIG. 7**

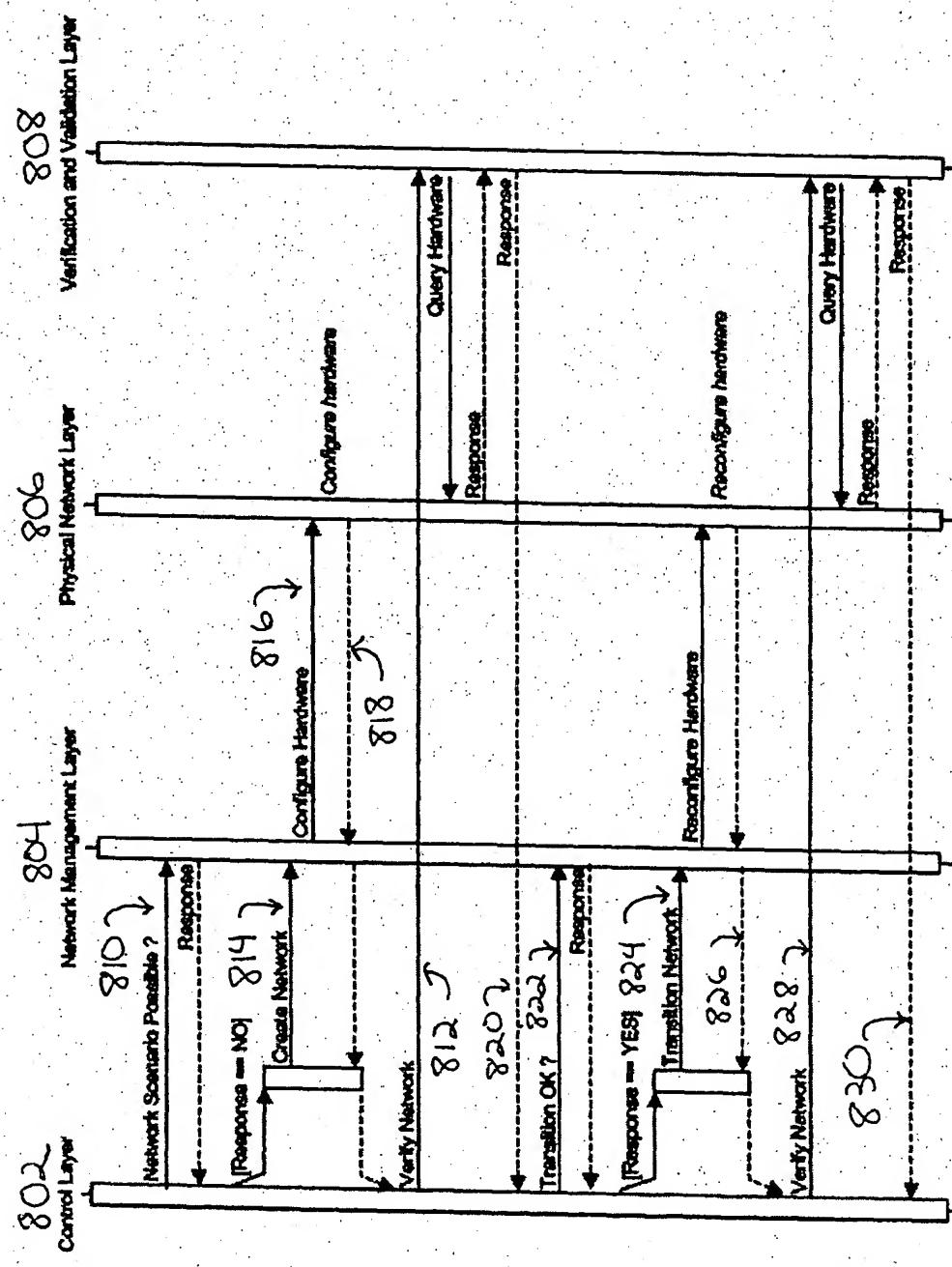


FIG. 8

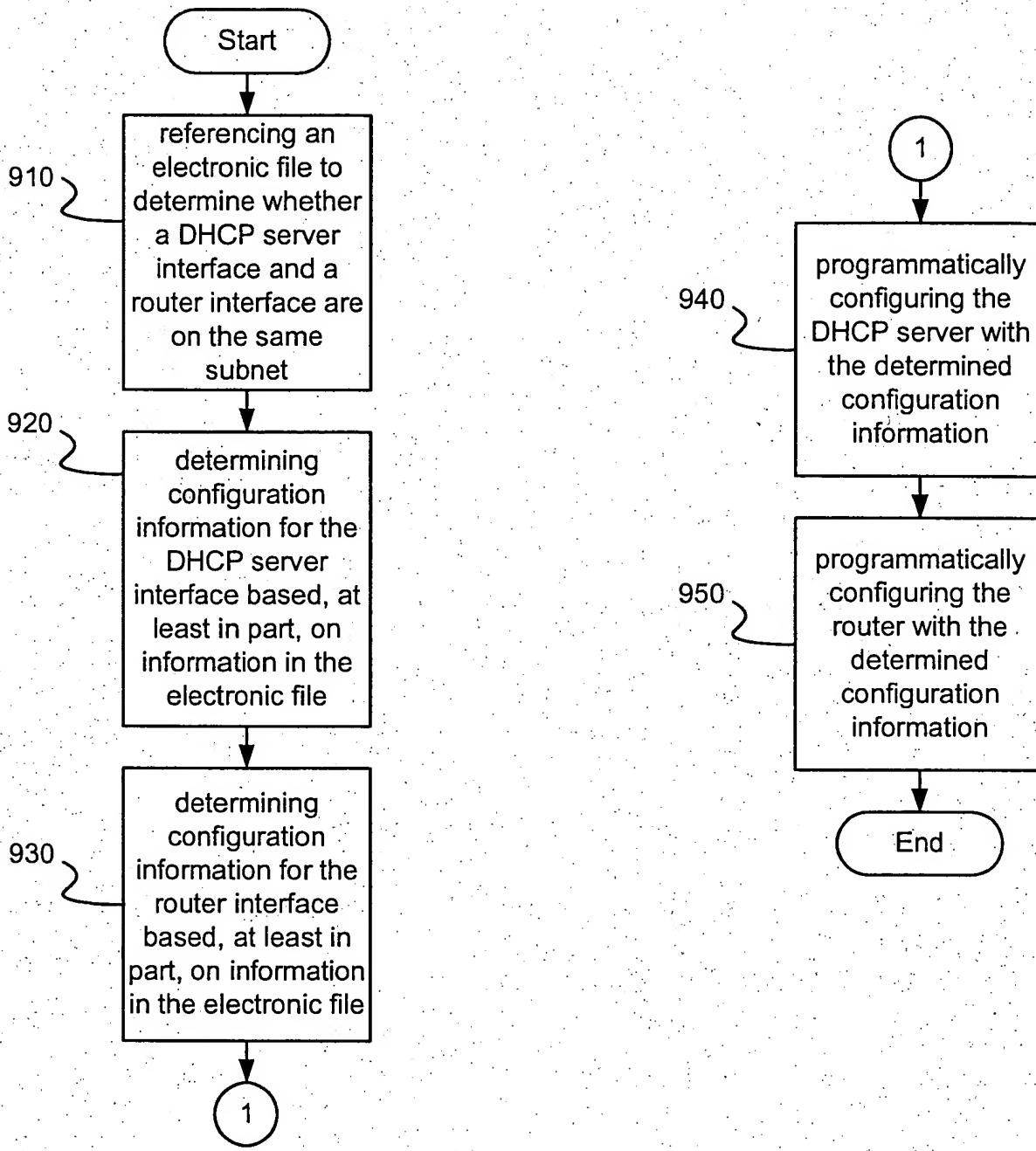
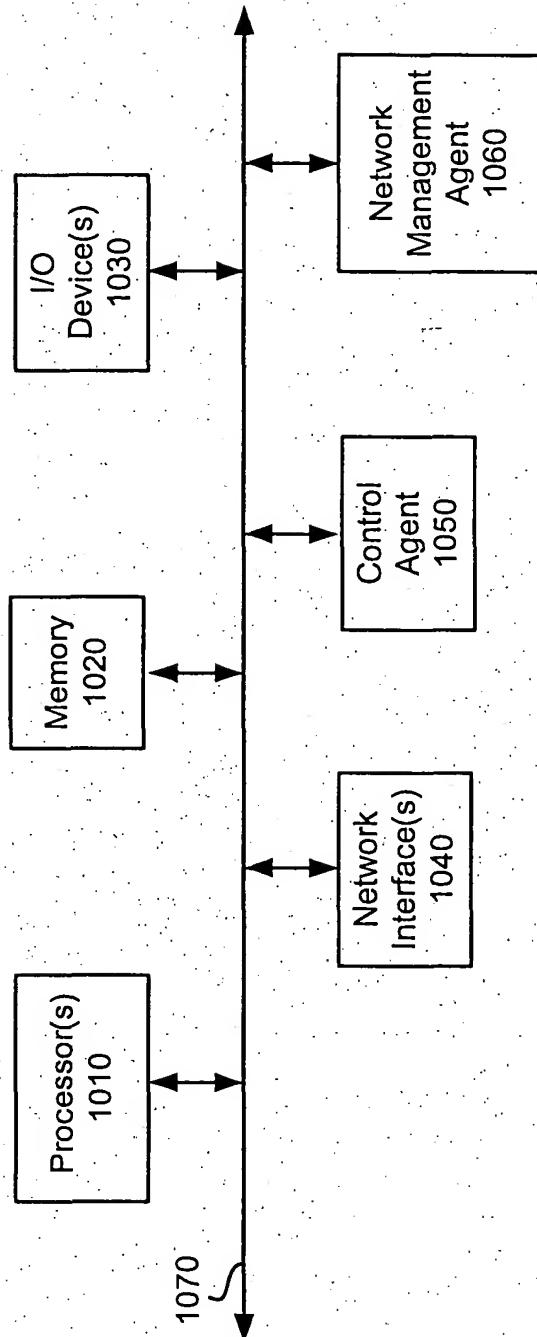


FIG. 9

**FIG. 10**



# FIG. 11

